

**BIC – Bachelor of Science in Computer Science (B.S.C.S) Degree Planner -  
(Computer Science Concentration)**

BIC courses are taken in sequence and are only offered in their respective sequence semesters.

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|---|--|
| <b>Fall – 16 hrs</b>                          | <b>Spring – 17 hrs</b>                                       |
| BIC 1212: Examined Life I                     | BIC 1324: World Cultures II                                  |
| BIC 1314: World Cultures I                    | CSI 1440: Computer Science II                                |
| BIC 1413: World of Rhetoric I                 | CSI 2350: Discrete Structures                                |
| CSI 1430: Computer Science I                  | MTH 1322: Calculus II  |
| CSI 1095: First Year Seminar                  | *Science Elective  |
| MTH 1321: Calculus I                          |  |
| Chapel  | Chapel   |
| <b>Summer I</b>                               | <b>Summer II</b>   |
|   |  |
| <b>Fall – 16 hrs</b>                          | <b>Spring 16-17 hrs</b>                                      |
| BIC 2334: World Cultures III (pre-req waiver) | BIC 2344: World Cultures IV (pre-req waiver)                 |
| CSI 2334: Intro to Computer Systems           | CSI 3336: Systems Programming                                |
| CSI 3334: Data Structures                     | CSI 3471: Software Engineering I                             |
| <i>MTH 2311</i> or MTH 2321                   | CSI 3334: Intro to Algorithms                                |
| *Science Elective                             | *Science Elective  |
| <b>Summer I</b>                               | <b>Summer II</b>   |
|   |  |
| <b>Fall - 15-16 hrs</b>                       | <b>Spring - 13-14 hrs</b>                                    |
| BIC 2330: Social World I (pre-req waiver)     | BIC 2340: Social World II (pre-req waiver)                   |
| STA 3381: Probability and Statistics          | CSI 3439: Computer Architecture                              |
| CSI 3335: Database Design and Apps            | CSI 4337: Operating Systems                                  |
| CSI 3372: Software Engineering II             | CSI Elective   |
| *Science Elective                             |  |
| <b>Summer I</b>                               | <b>Summer II</b>   |
|   |  |
| <b>Fall – 15-16 hrs</b>                       | <b>Spring – 12-13 hrs</b>                                    |
| BIC 3358: Biblical Heritage and Ethics        | CSI 43C9: Capstone Design Project                            |
| CSI 4321: Data Communication                  | ENG 3300: Technical Writing                                  |
| CSI Elective                                  | Foreign Language (proficiency through 2 <sup>nd</sup> level) |
| PHI 1310: Computer Ethics                     | General Elective (if required)                               |
| Foreign Language                              |  |
|   |  |

\*Science Electives: Complete one group from the following:

1. BIO 1305/1105 and 1306/1106
2. CHE 1301/1101 and 1302/1102
3. GEO 1405 and 1306/1106
4. PHY 1408 and 1409 or 1425 and 24335

Take an additional 6-8 hours from the courses above or from courses which have on ore more of the above as prerequisites.